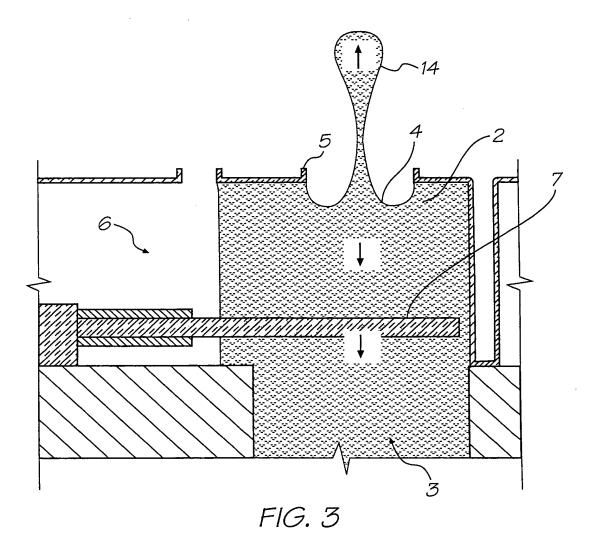
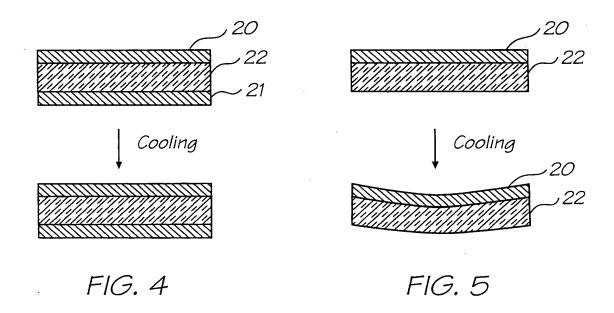


FIG. 2





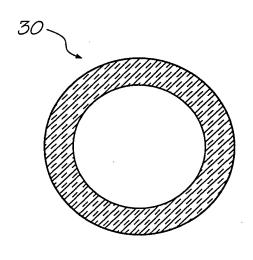


FIG. 6

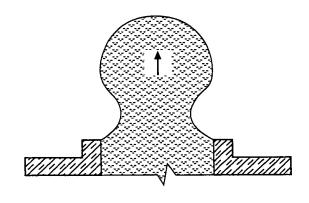


FIG. 7

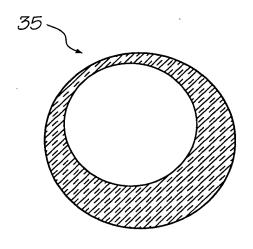


FIG. 8

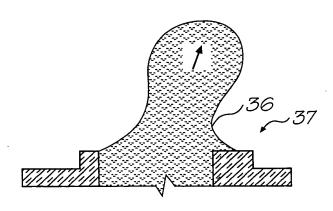
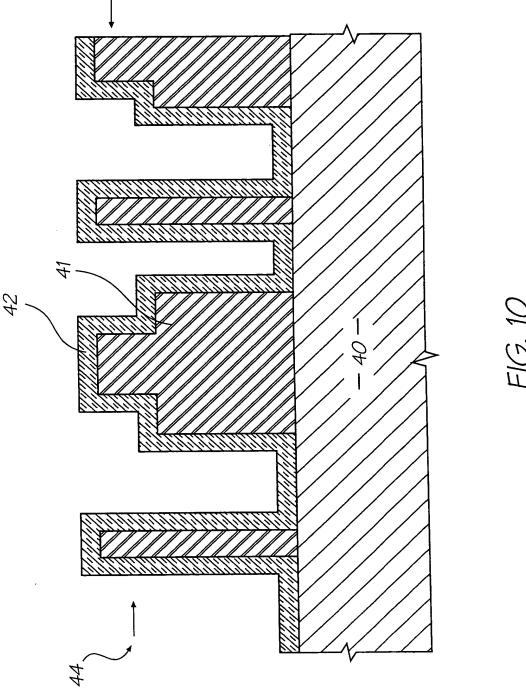
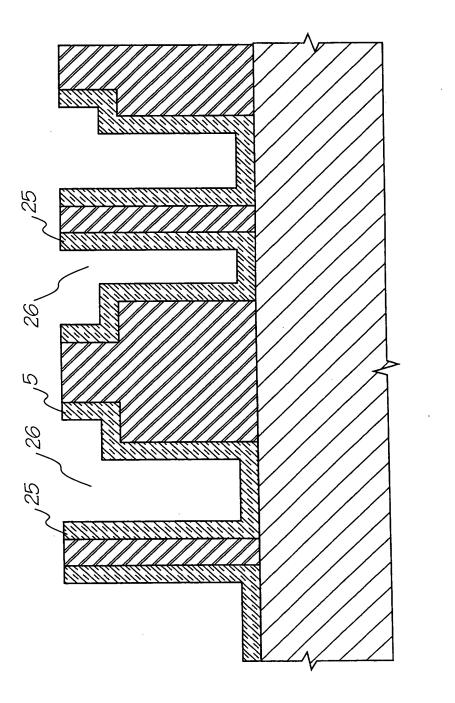


FIG. 9





F1G. 11

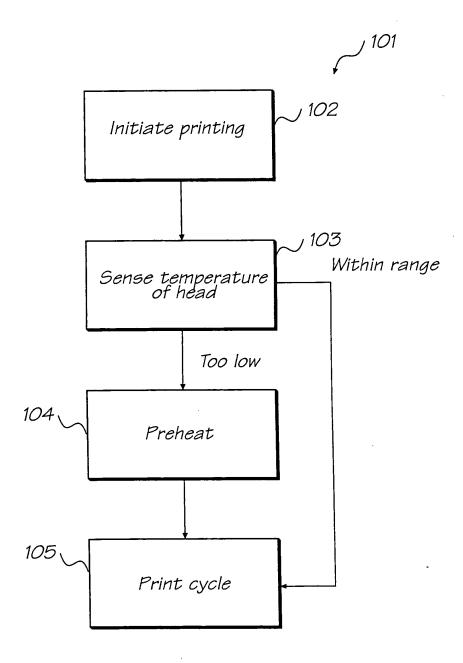
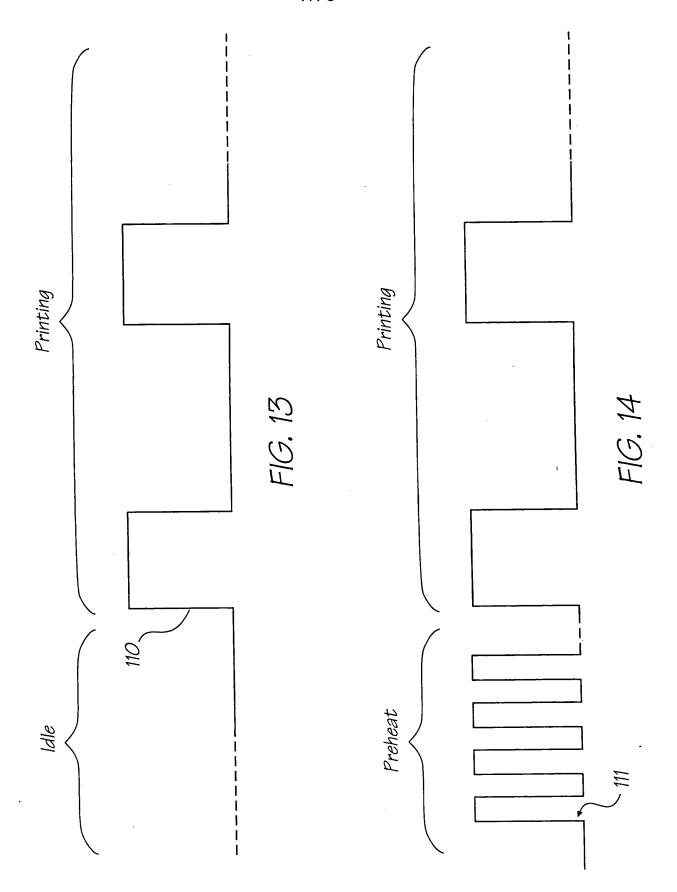
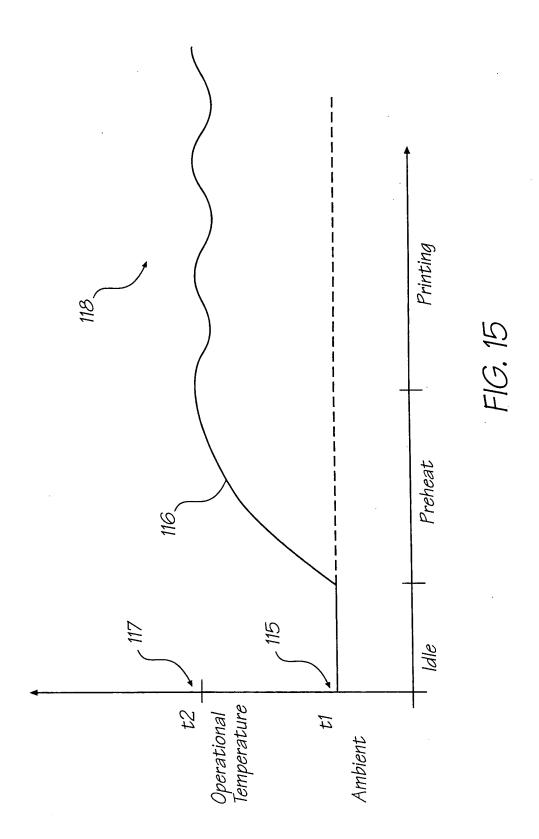
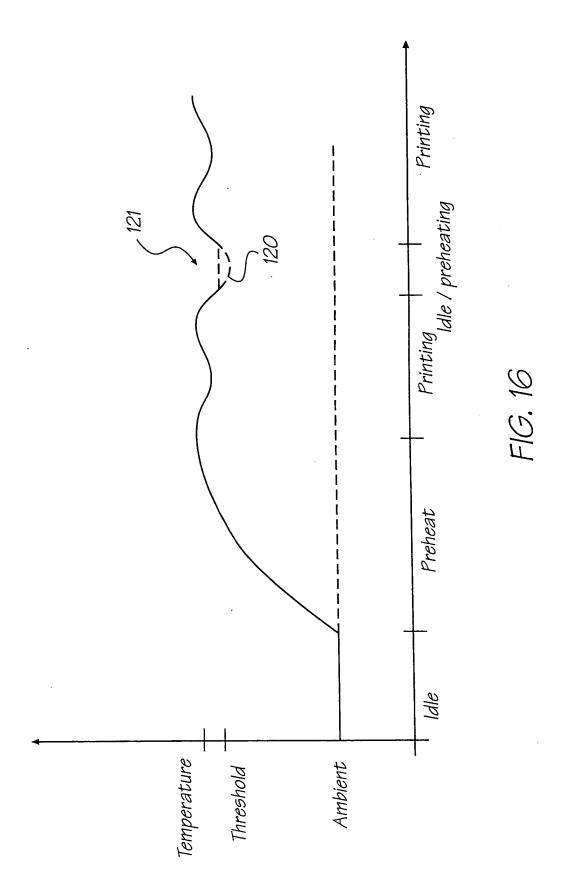


FIG. 12







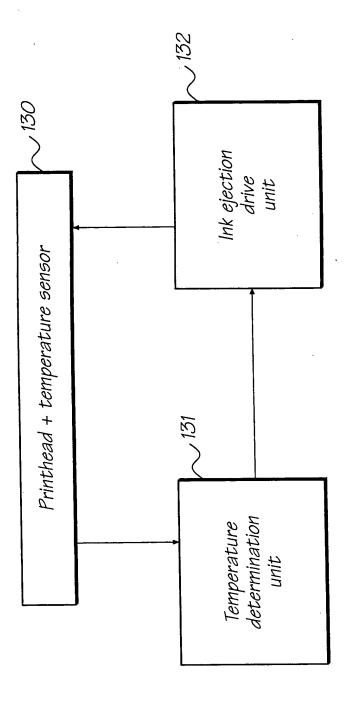
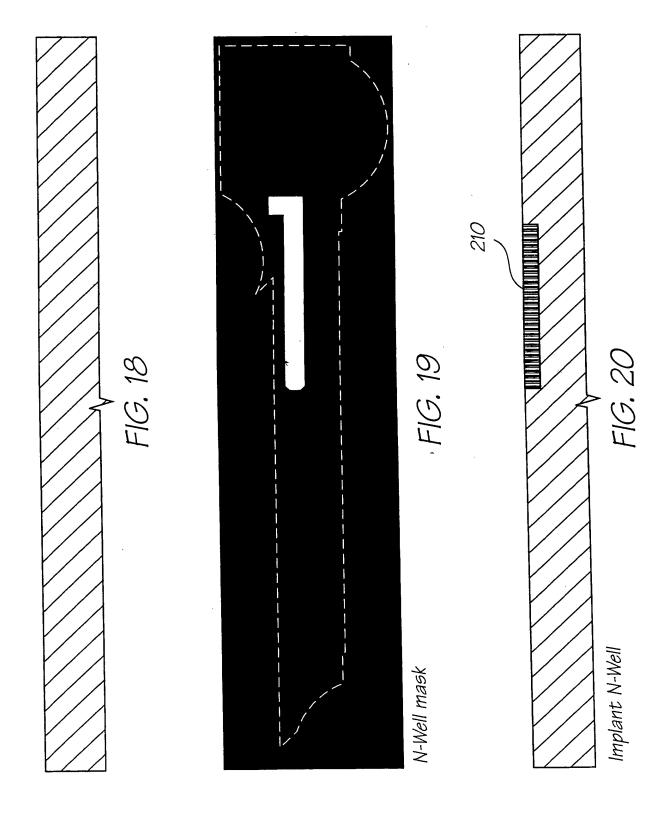


FIG. 17



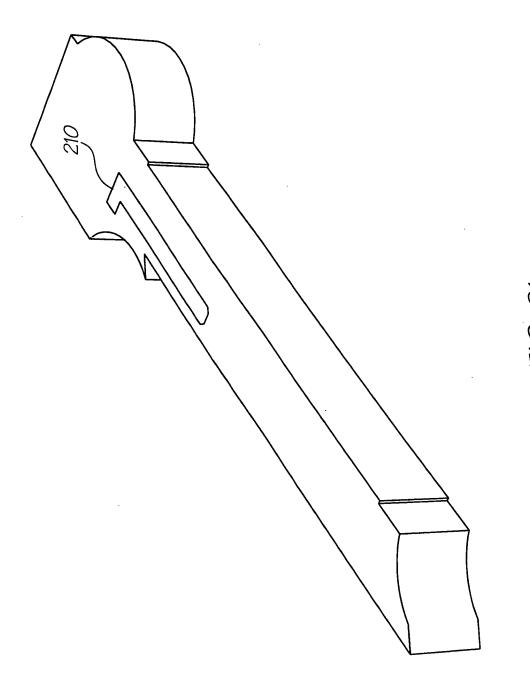
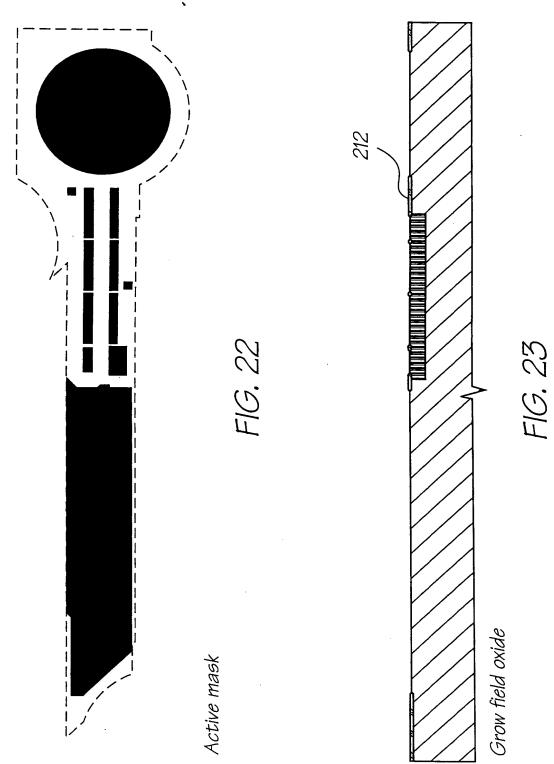
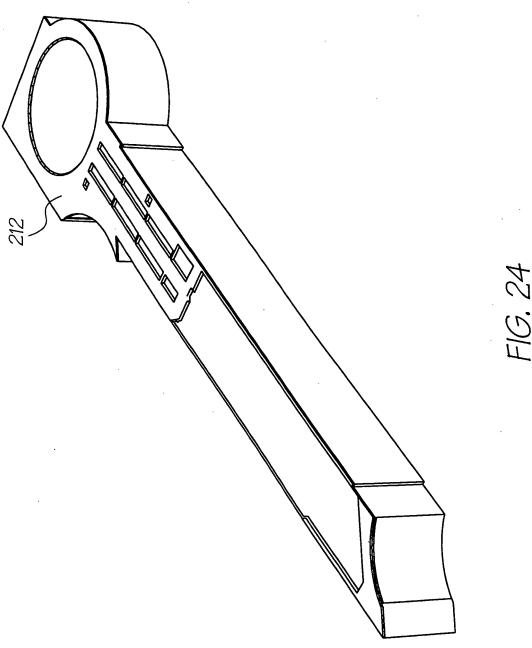
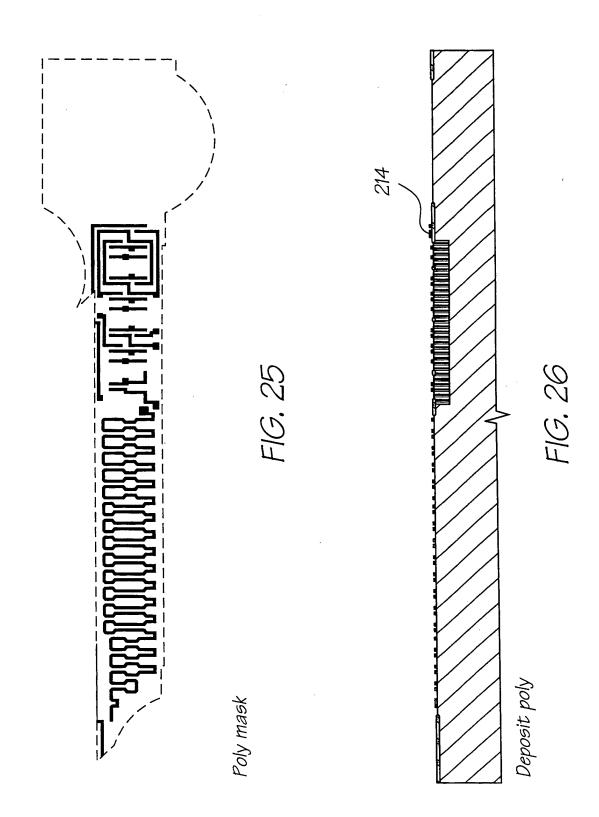
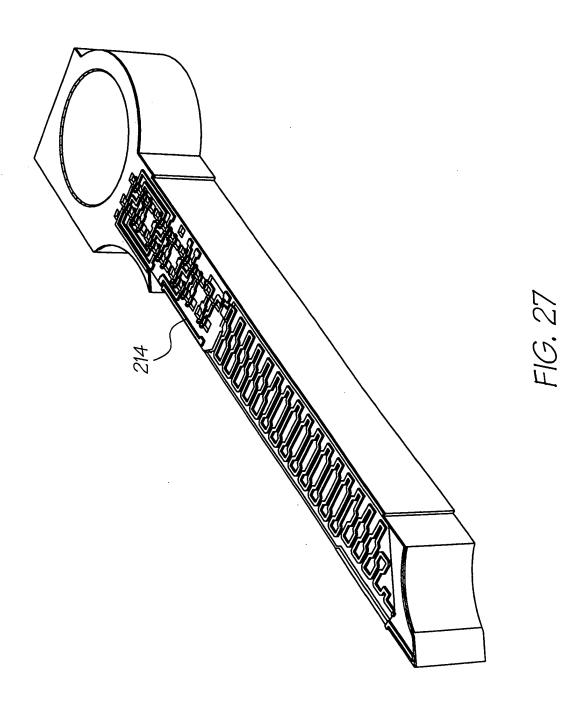


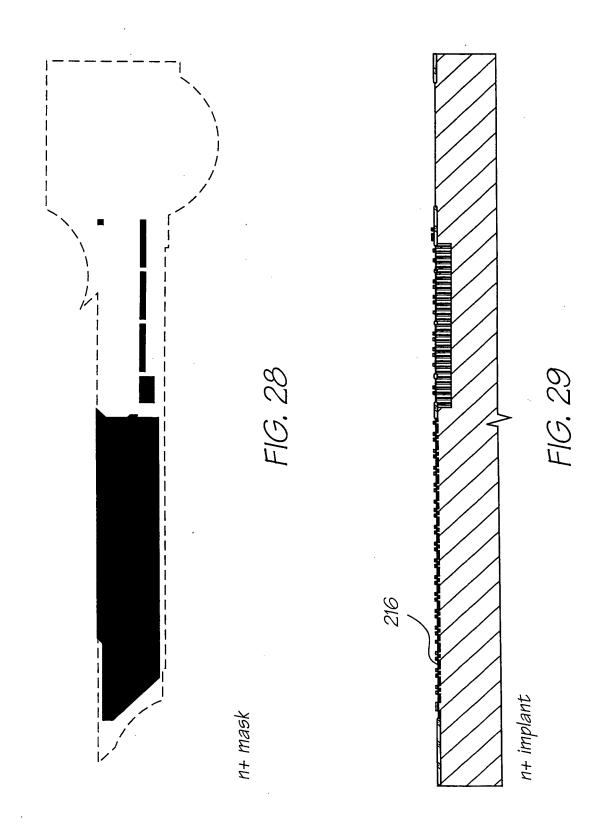
FIG. 21

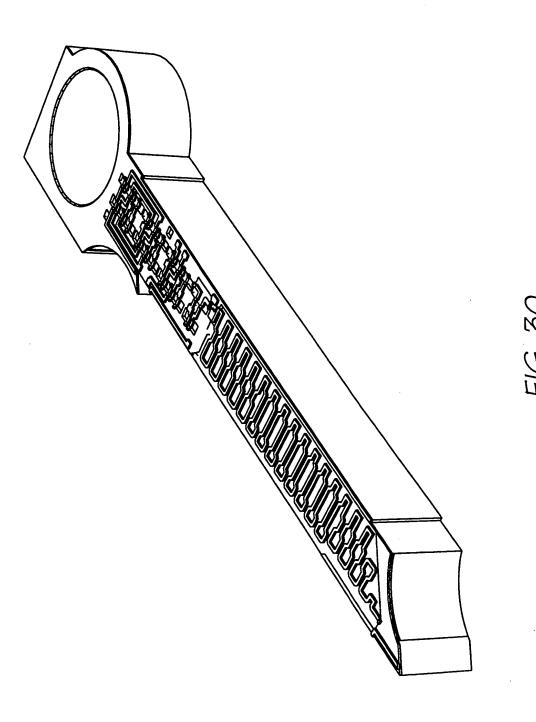


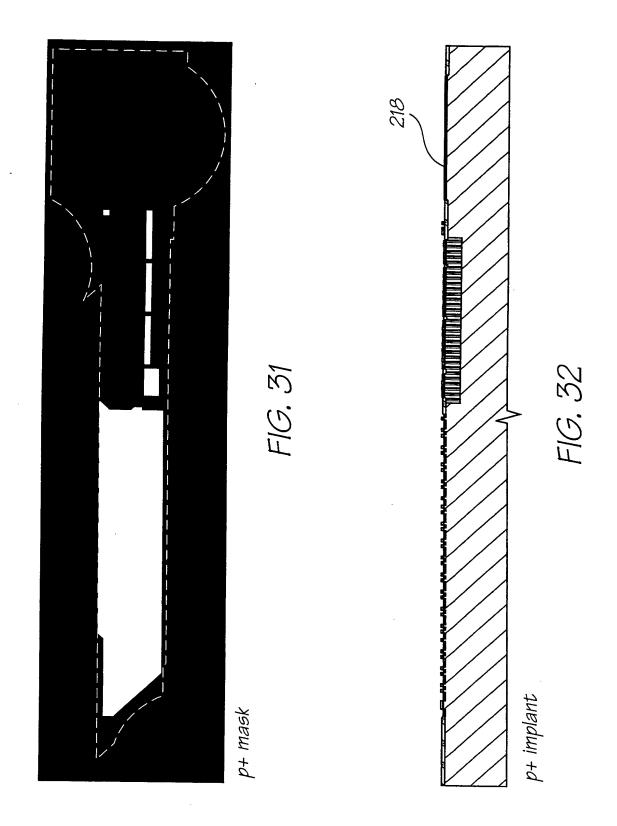












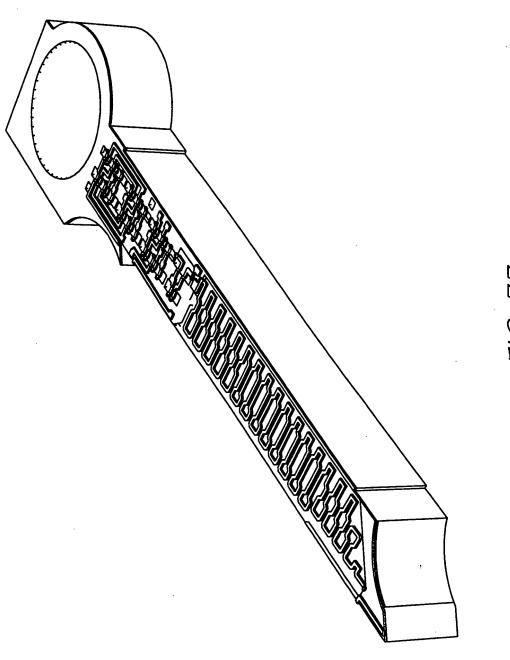
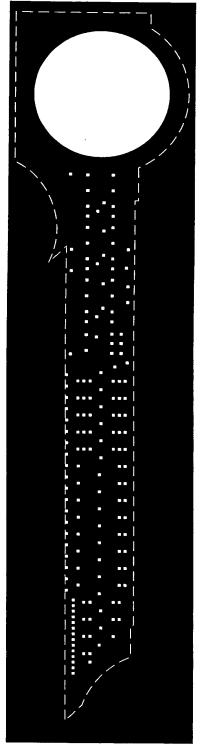
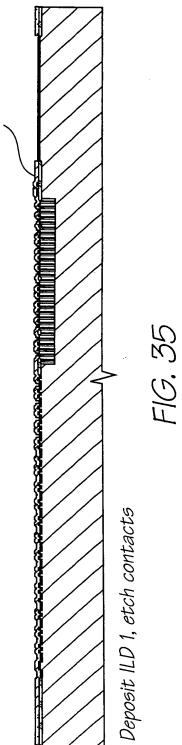


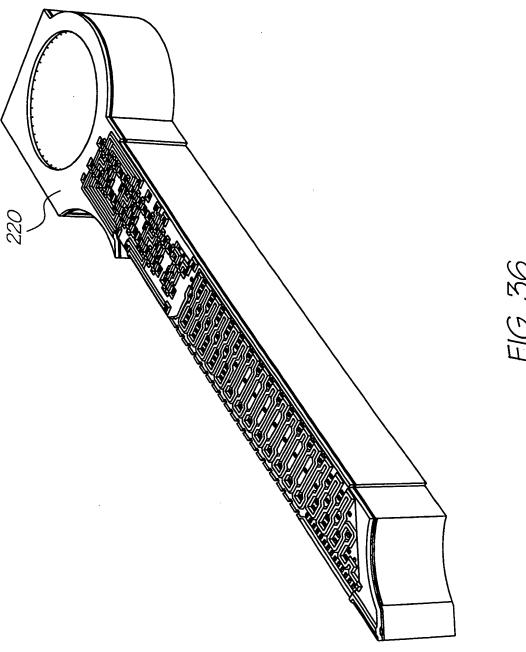
FIG. 55

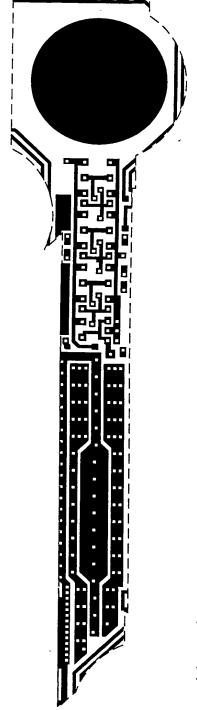


Contacts mask

FIG. 34

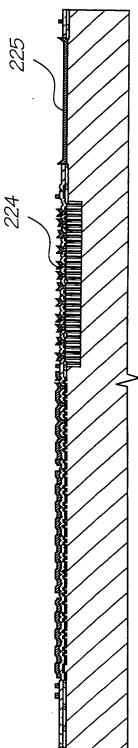






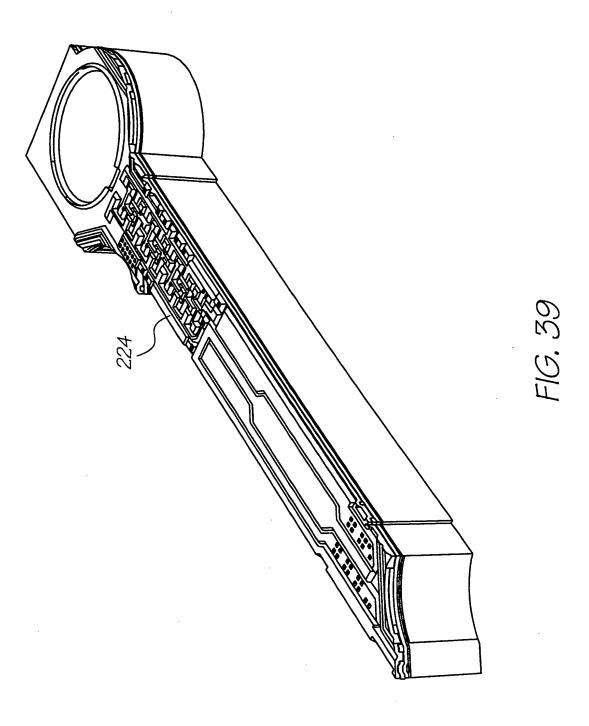
Metal 1 mask

FIG. 37



Deposit Metal 1

FIG. 38



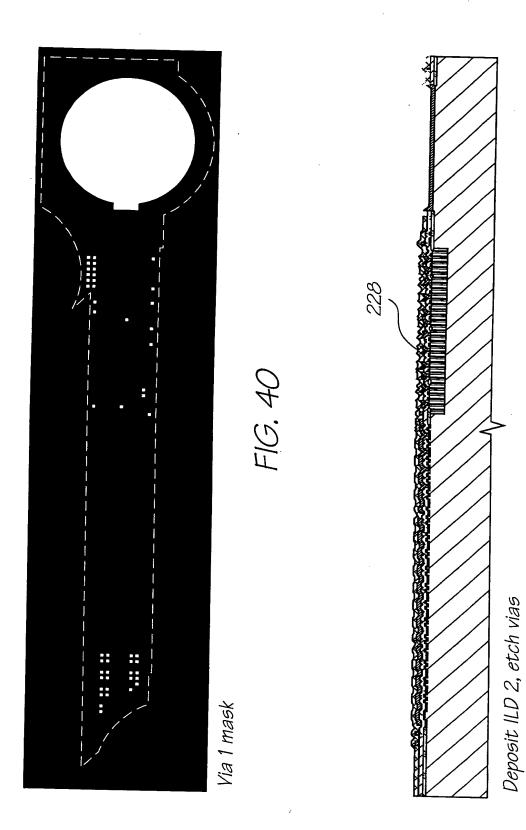


FIG. 41

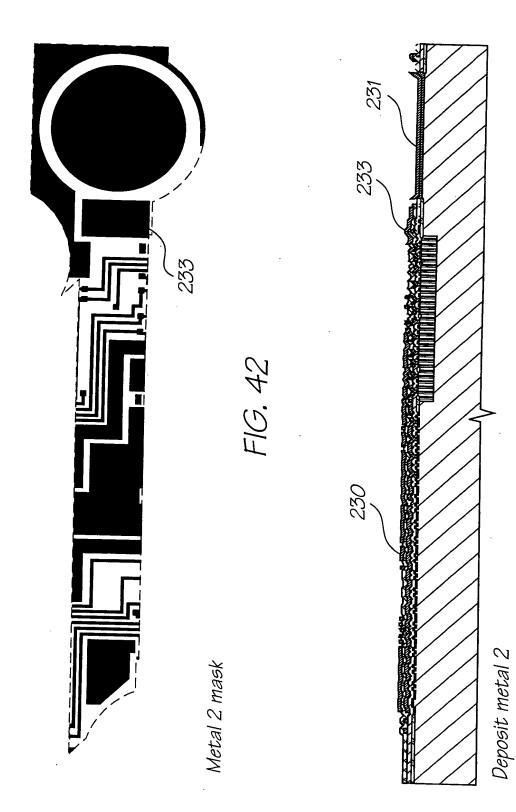


FIG. 43

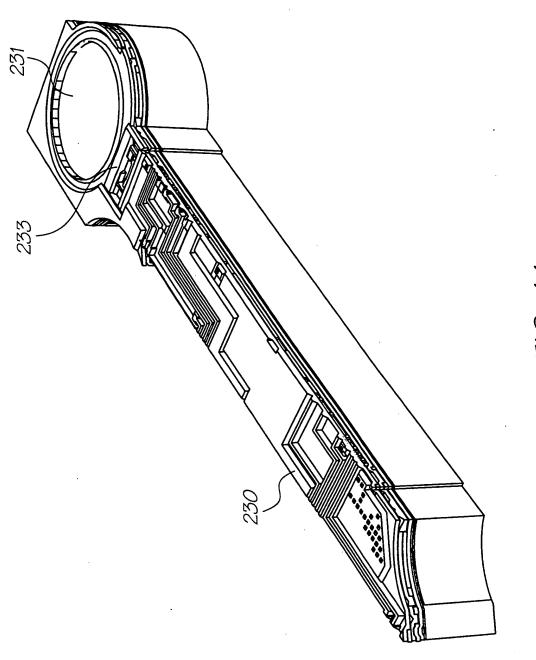
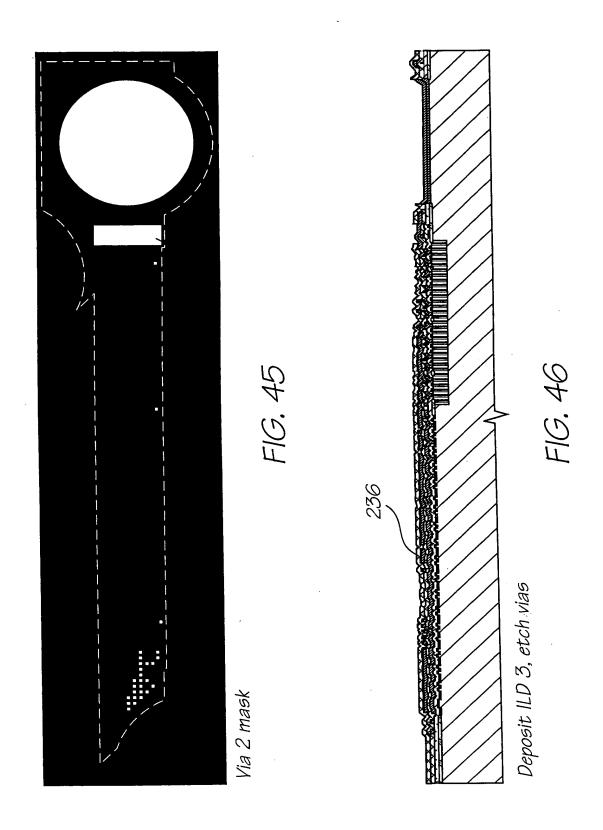
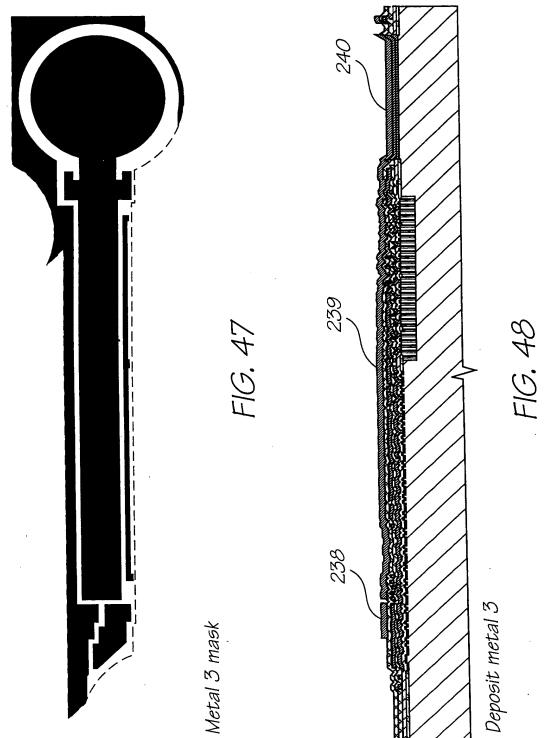
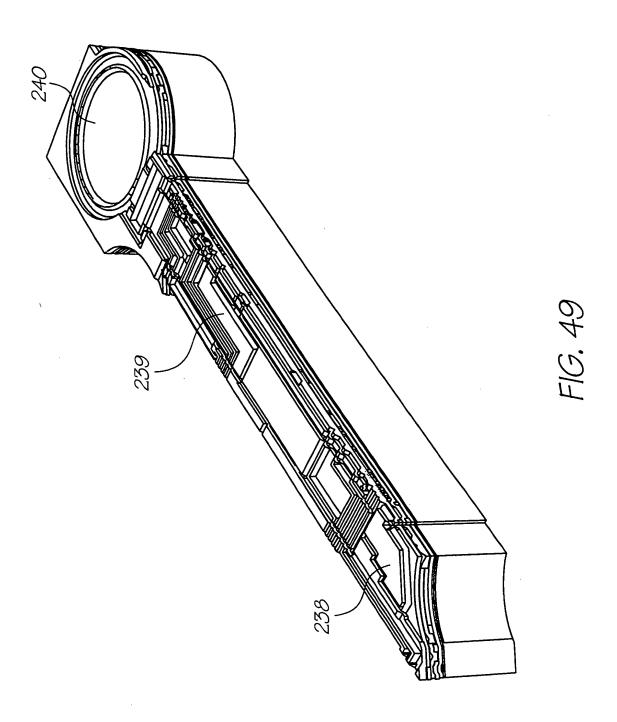
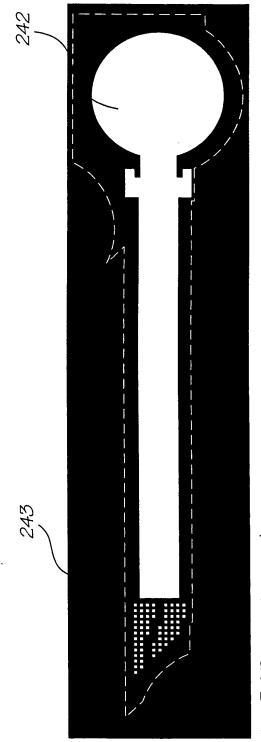


FIG. 44



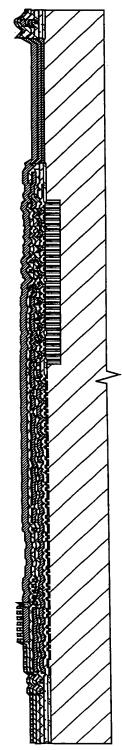






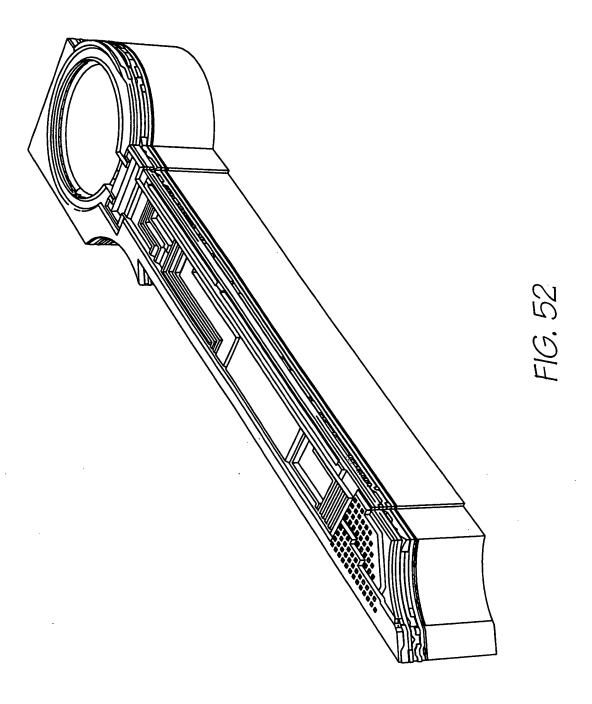
Via 3 / Passivation mask

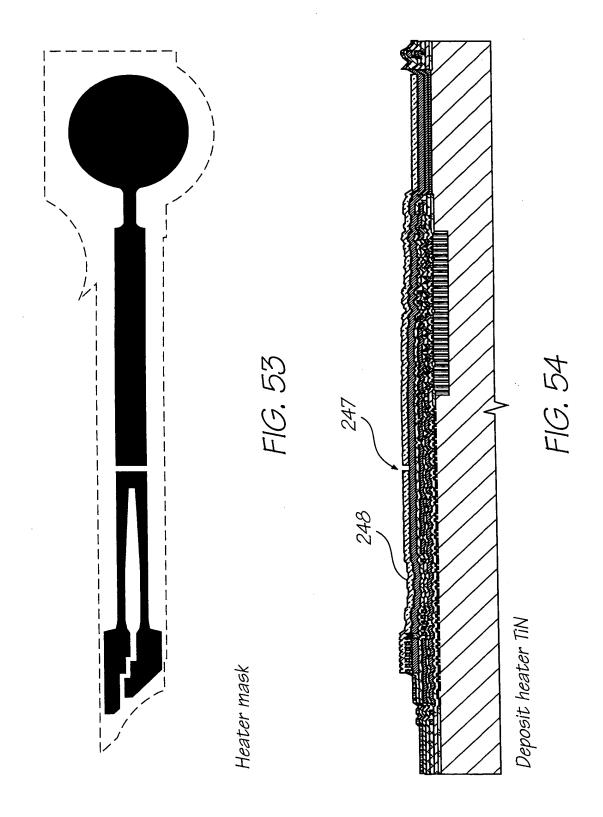
FIG. 50

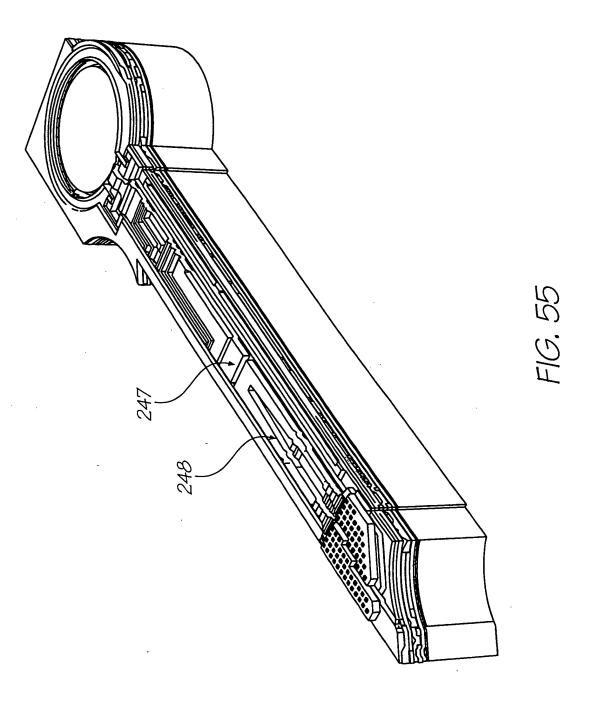


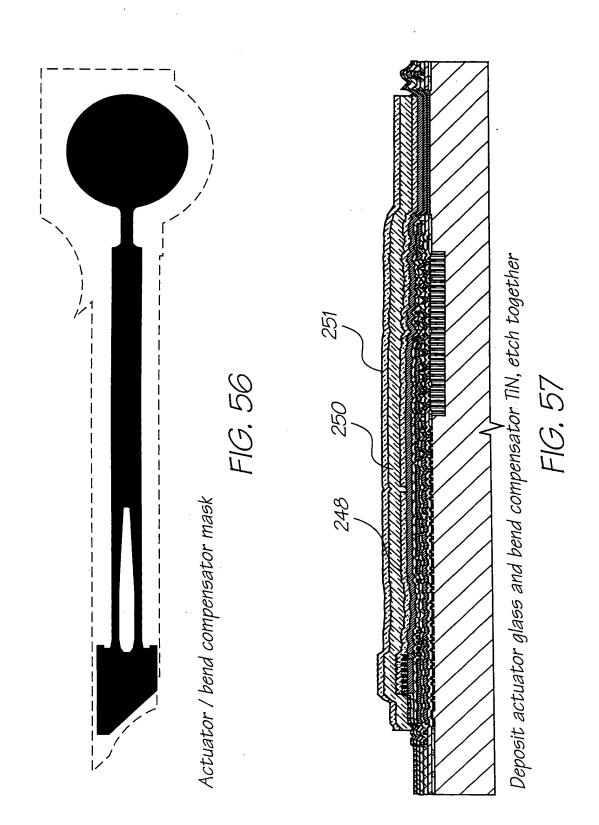
Deposit passivation oxide & nitride, etch vias

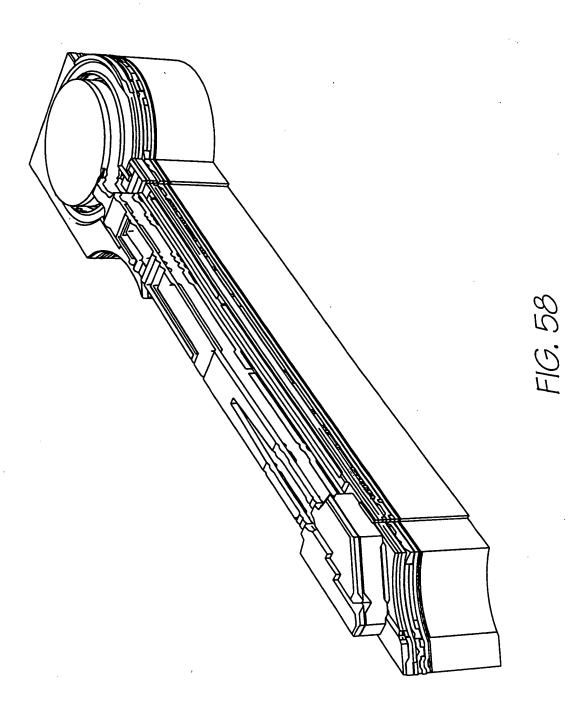
FIG. 51

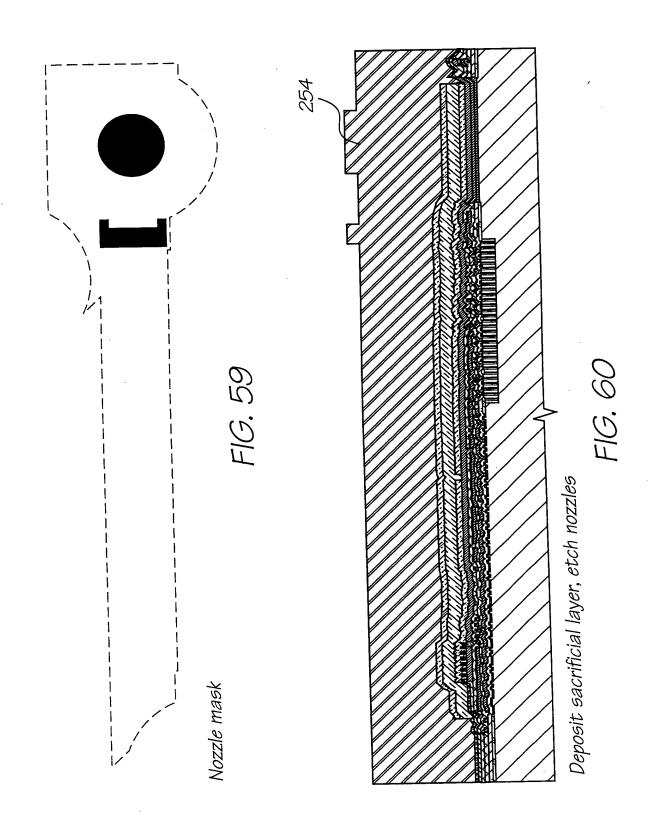


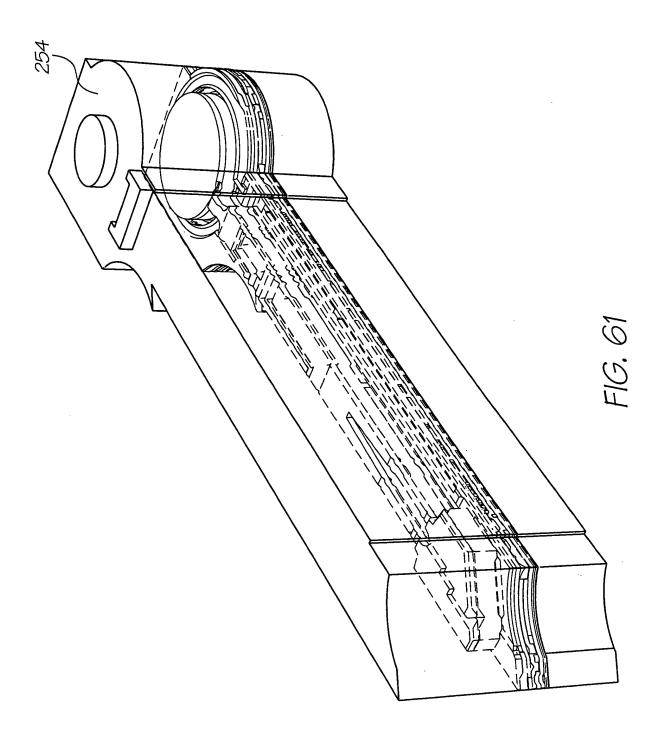


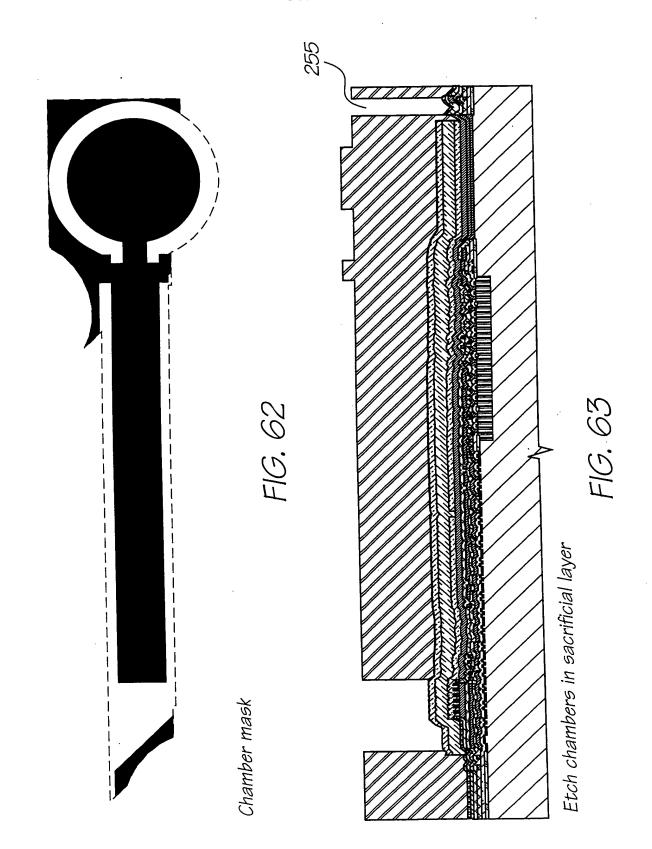


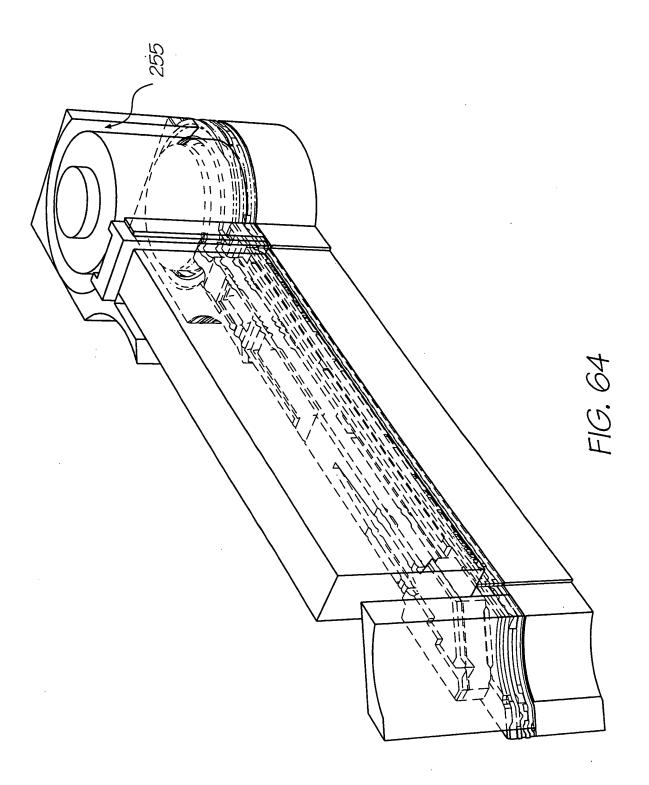


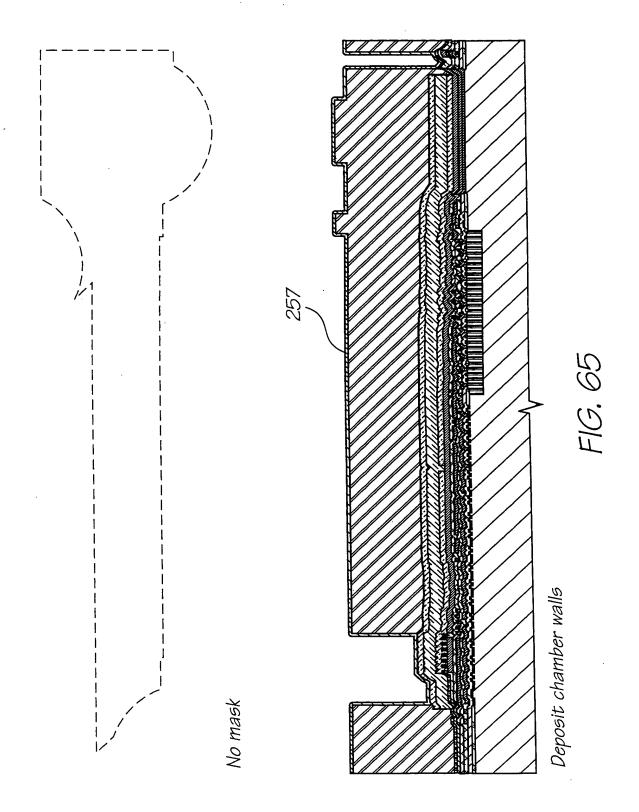


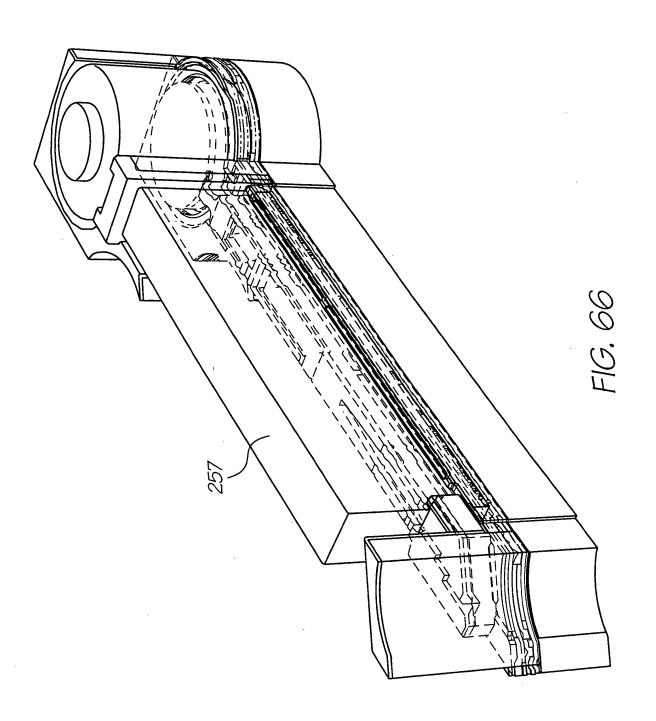


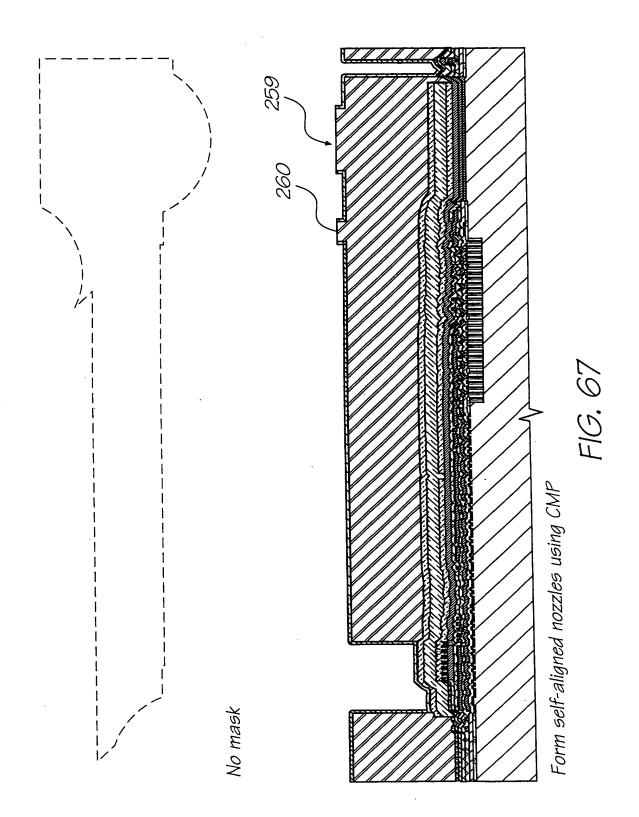


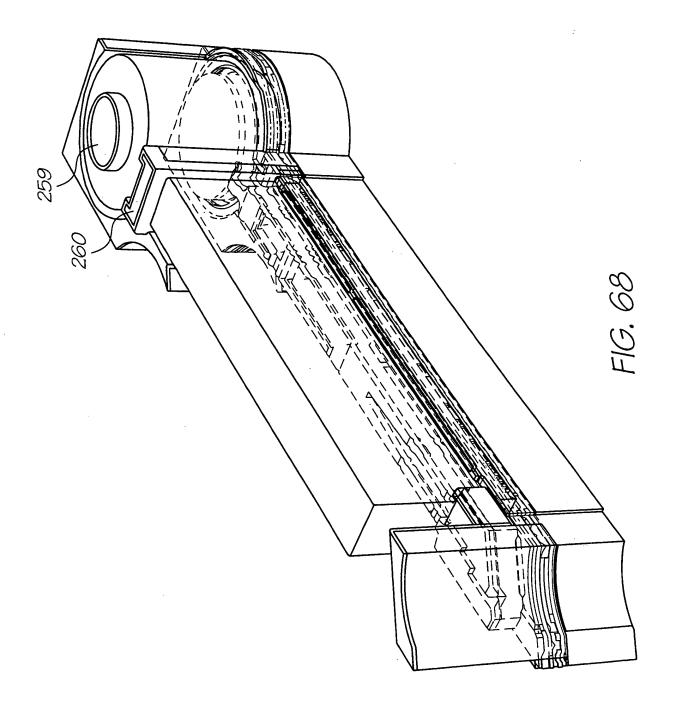


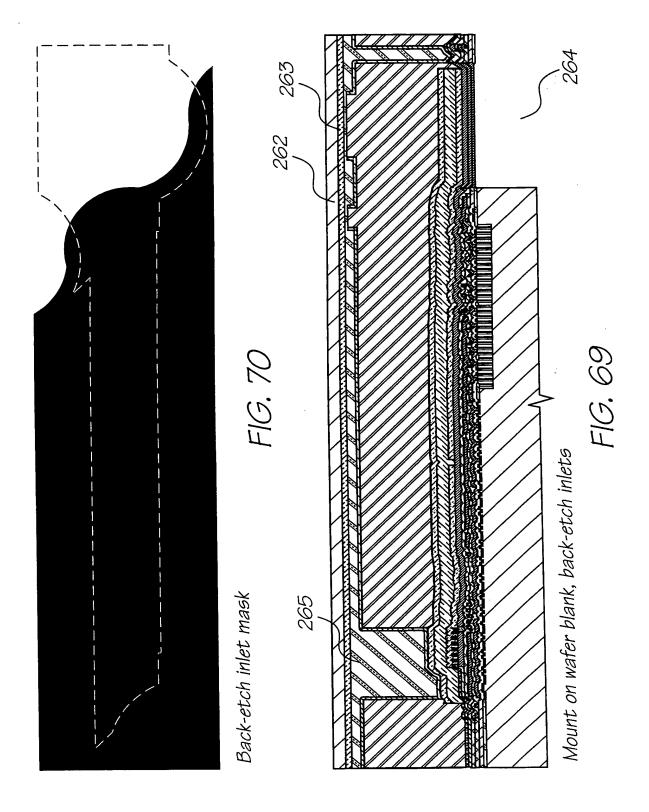


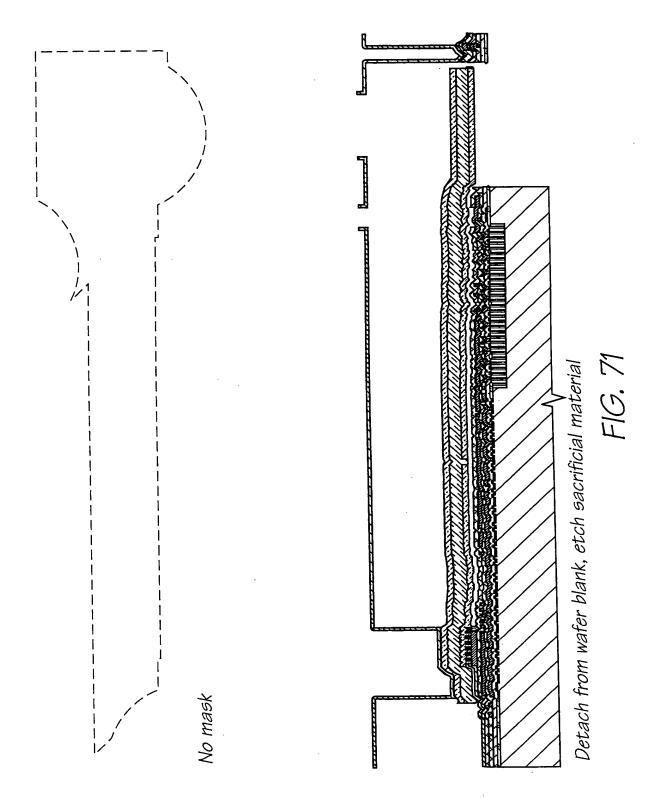


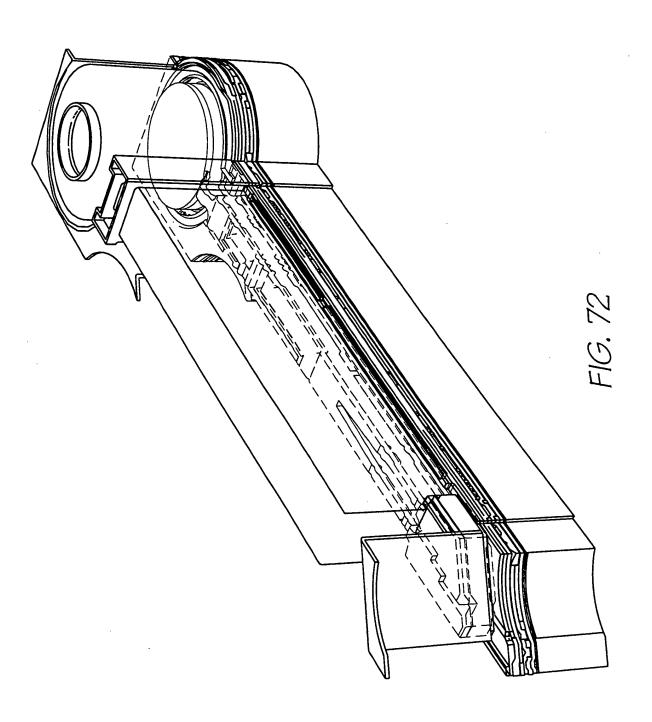


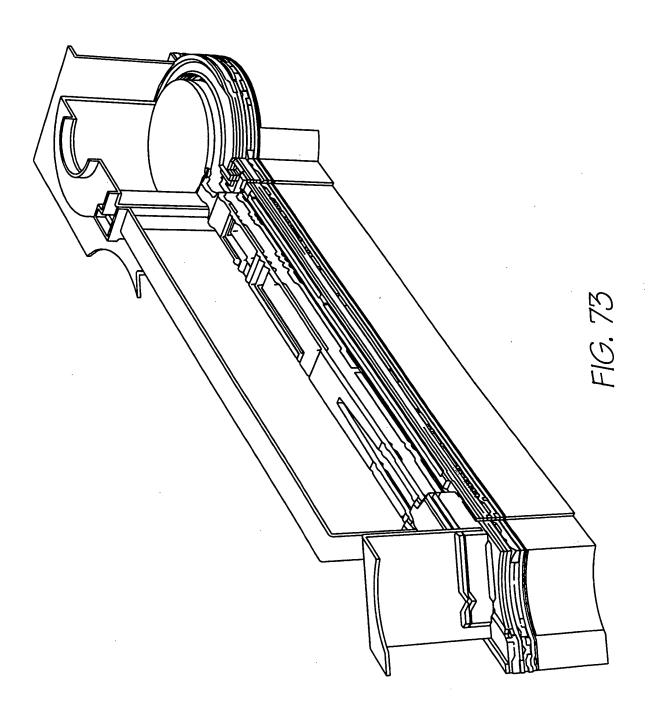


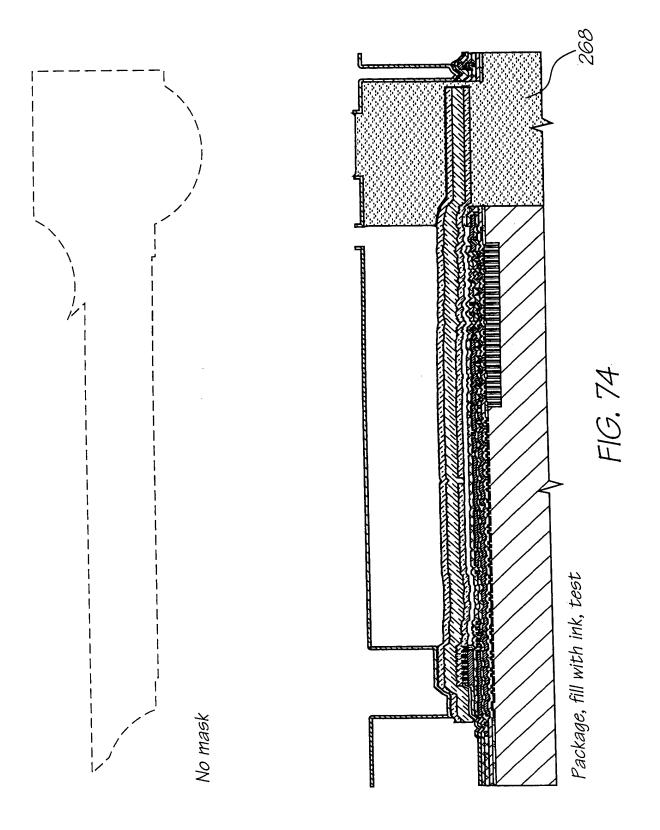


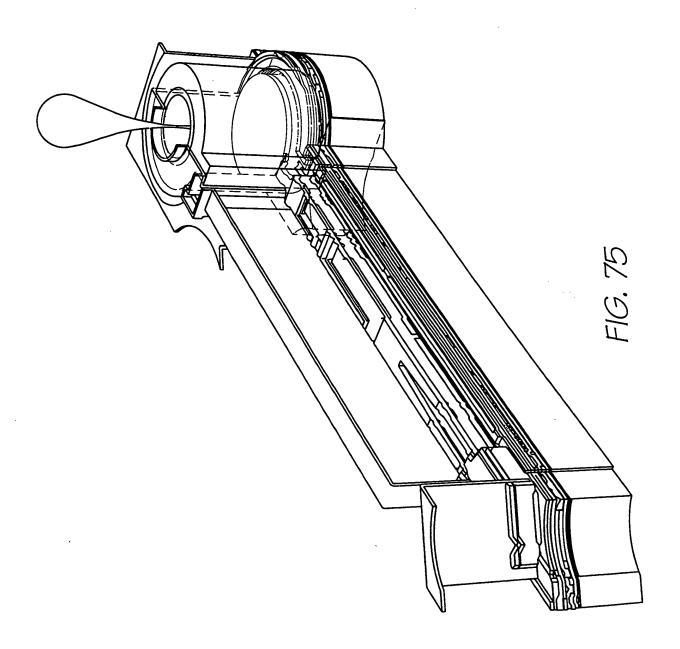


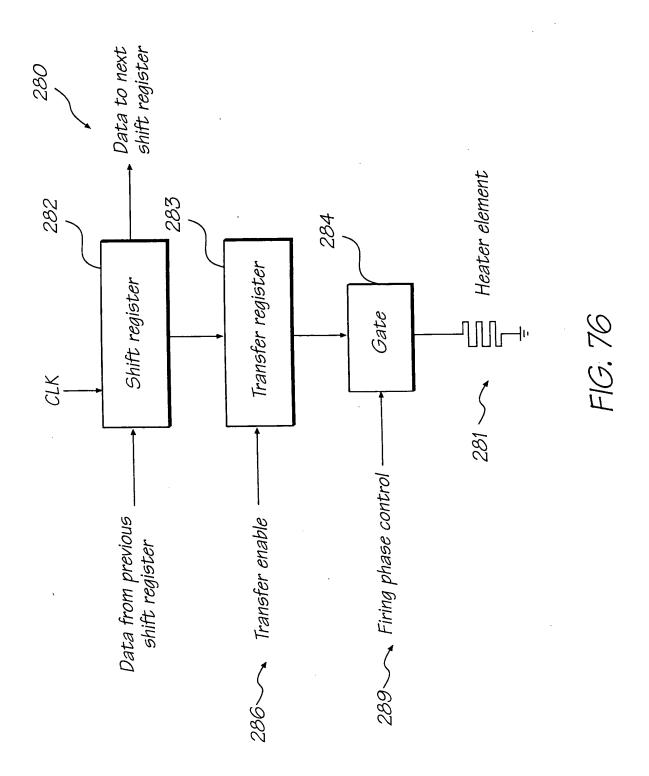












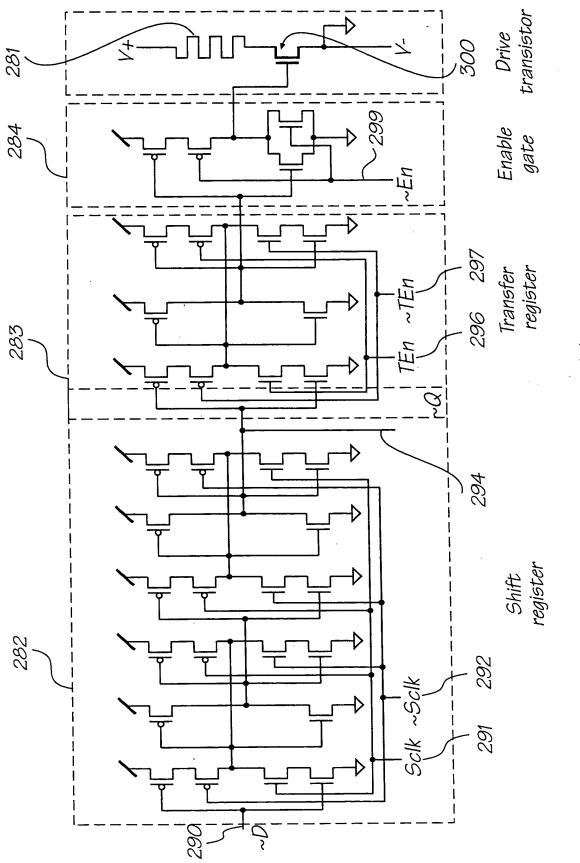


FIG. 77

FIG. 78

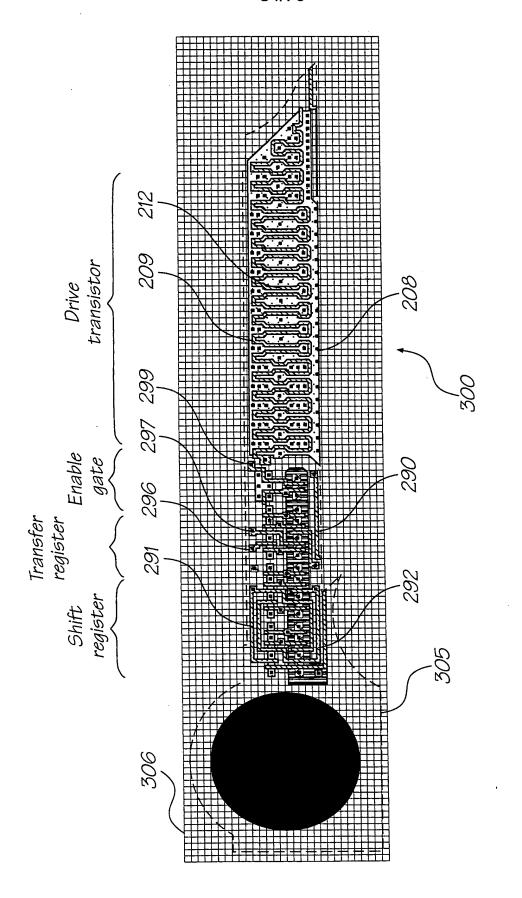
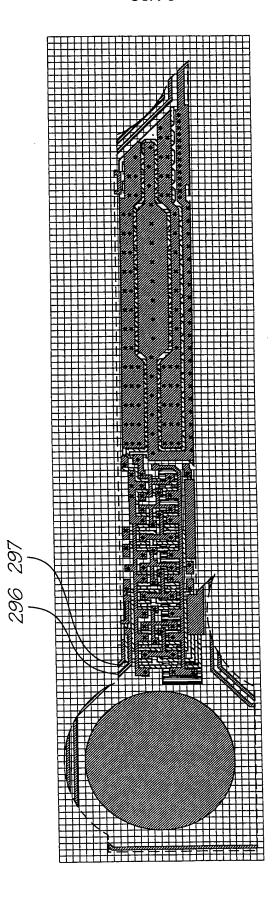


FIG. 79



F1G. 80

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F1G. 81

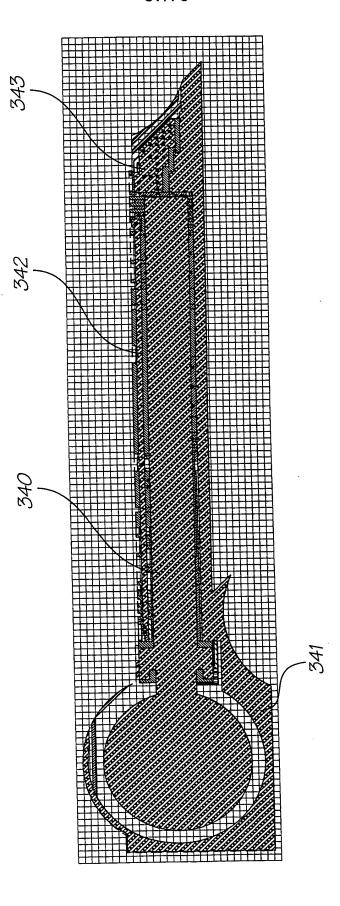


FIG. 82

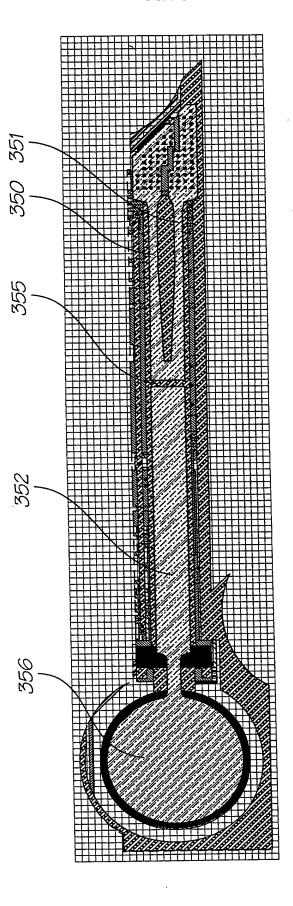
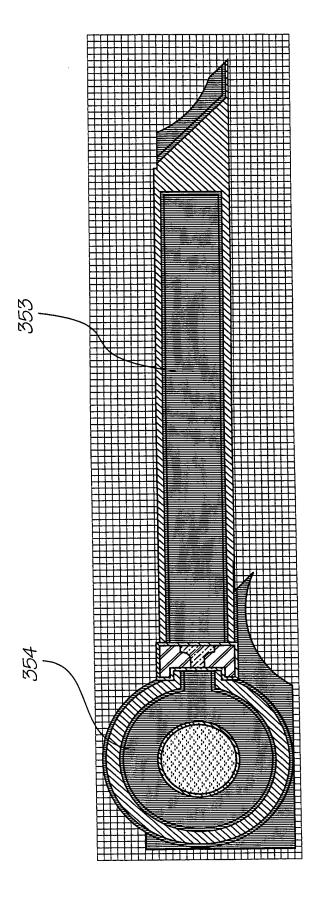
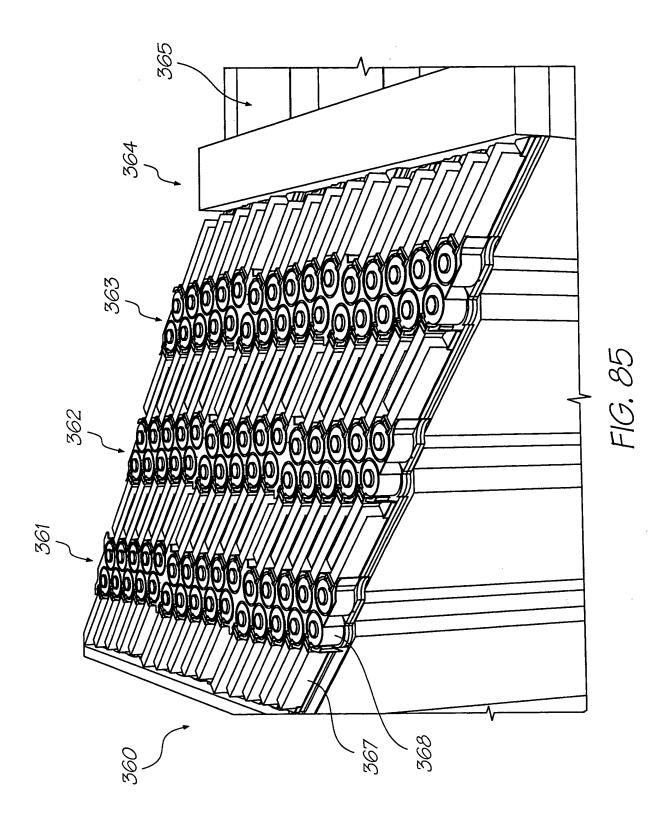


FIG. 83



F1G. 84



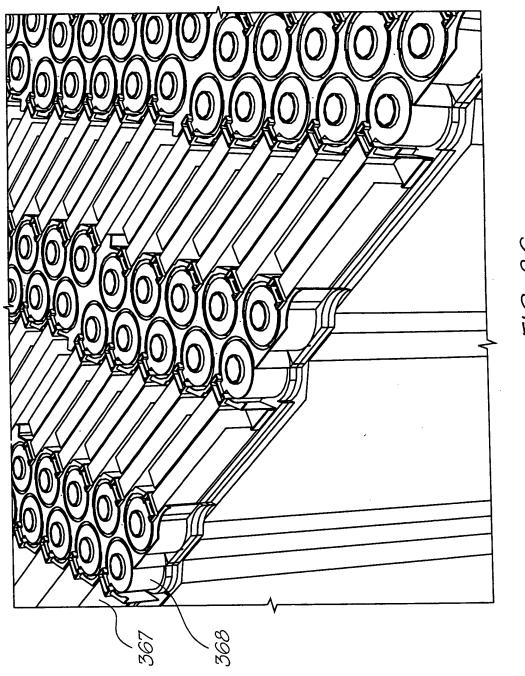


FIG. 20

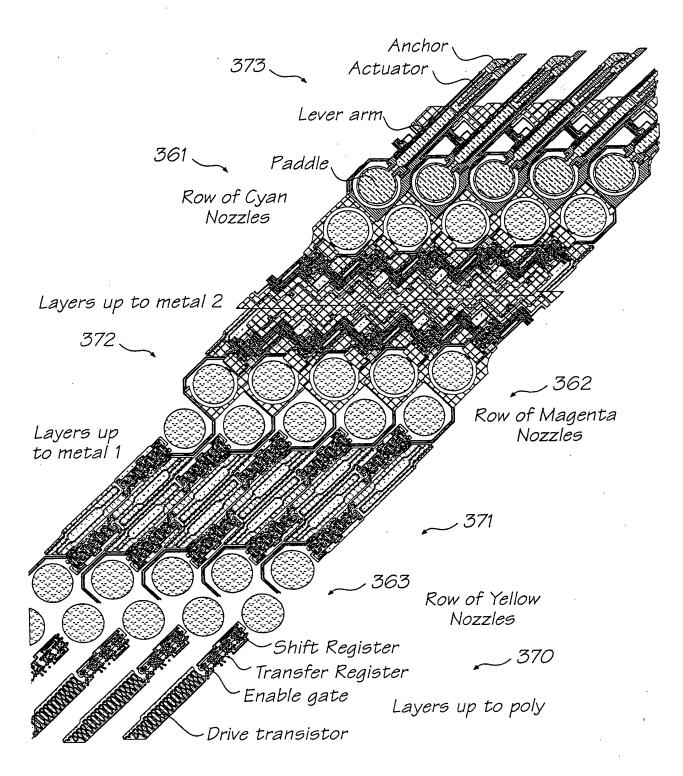
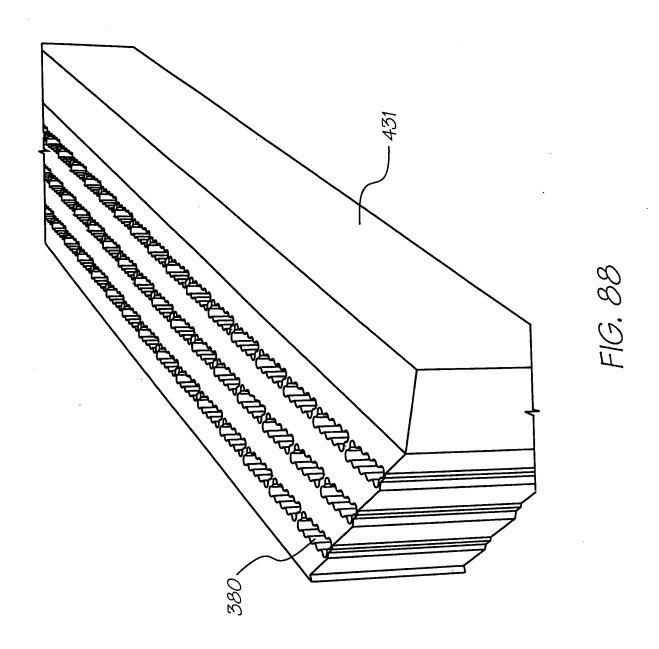
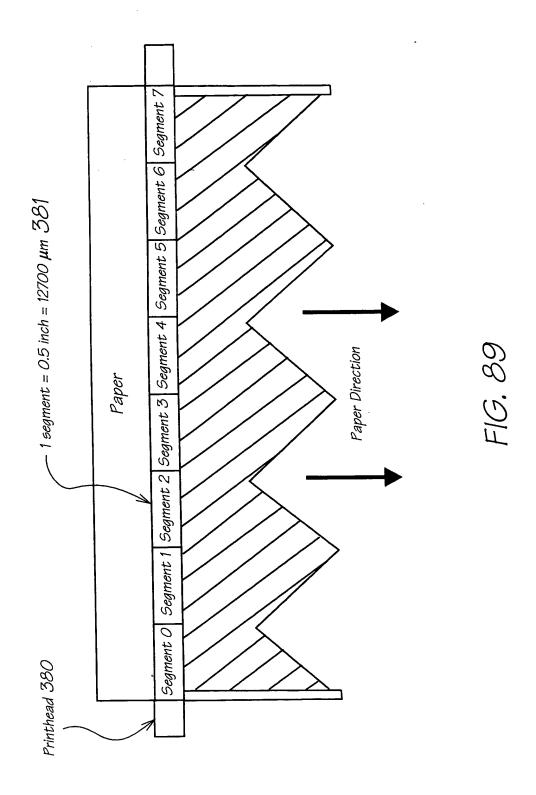
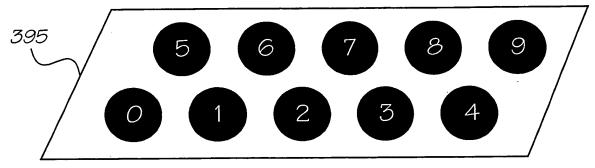


FIG. 87







A single pod, numbered by firing order

FIG. 90

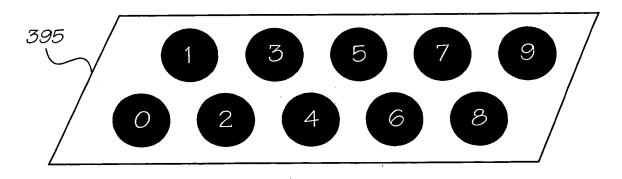
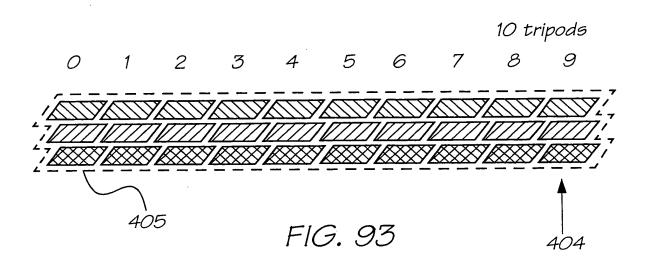


FIG. 91



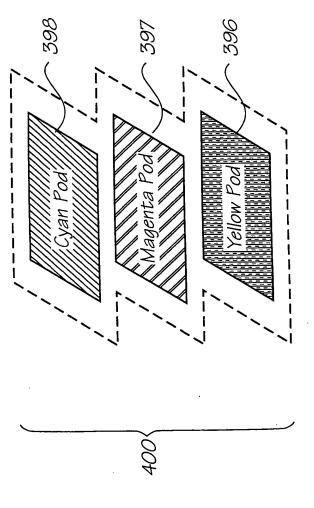


FIG. 92

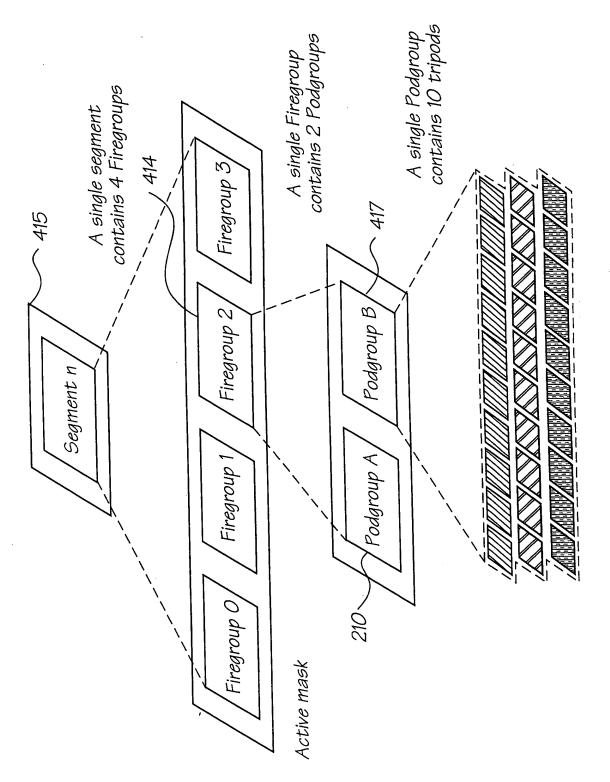


FIG. 94

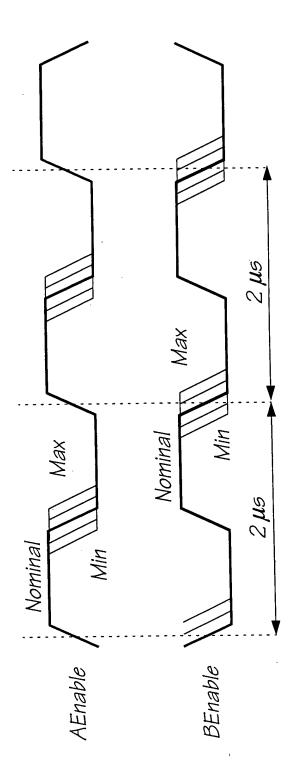
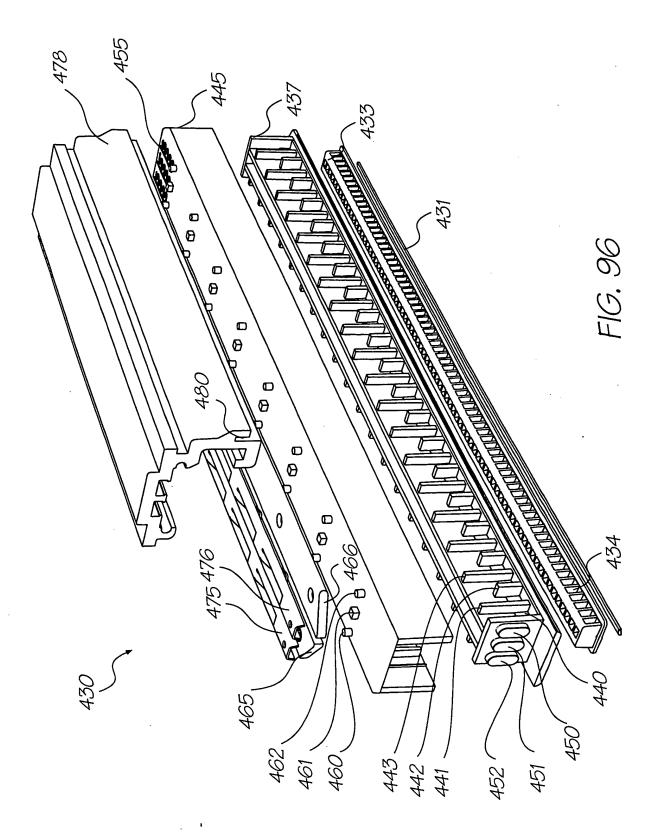
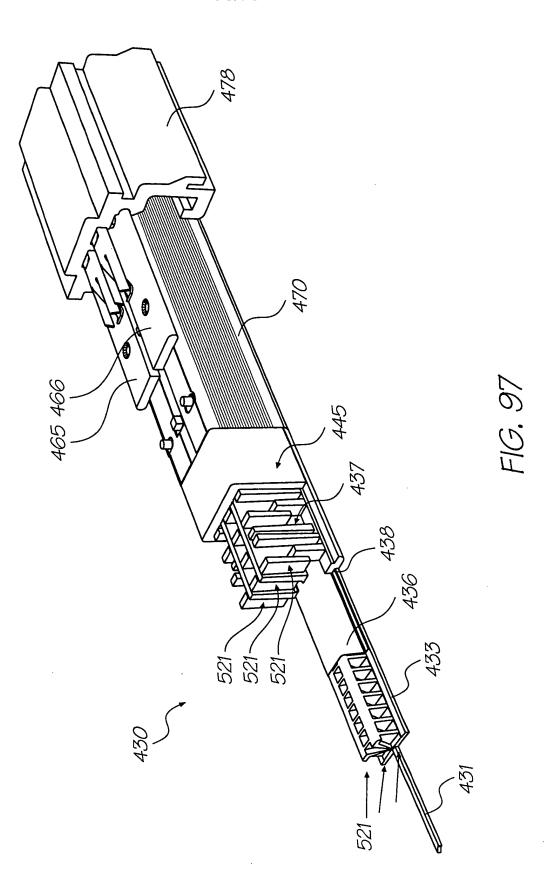
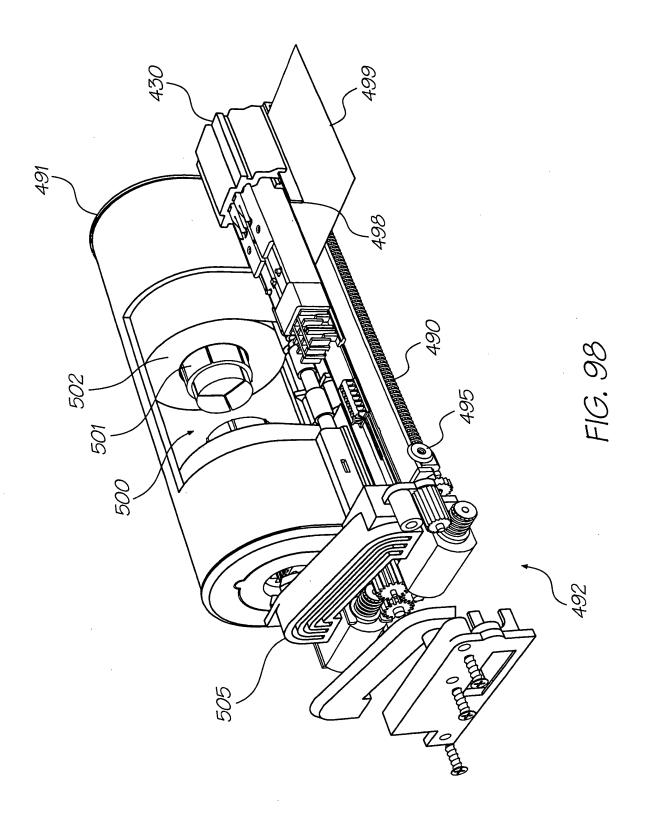
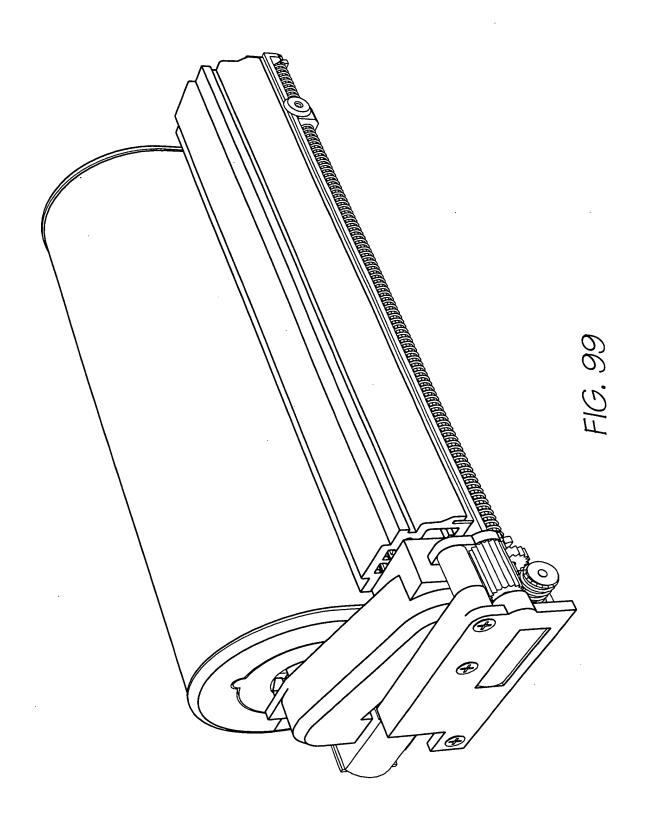


FIG. 95









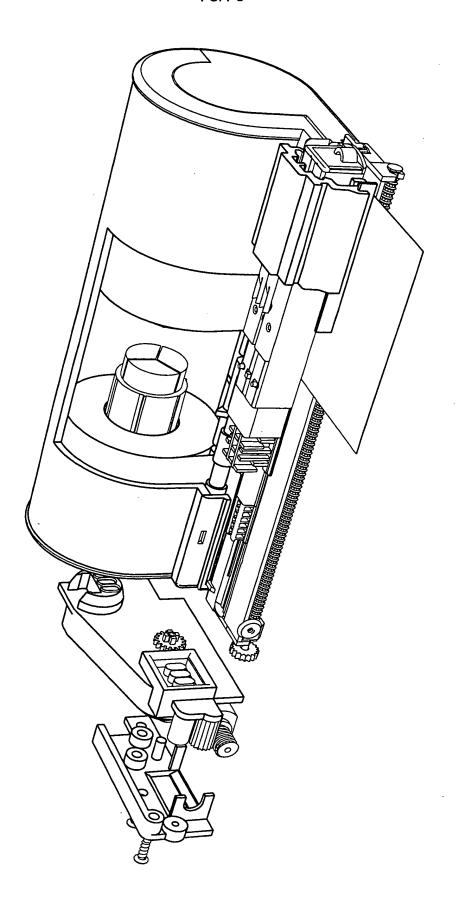
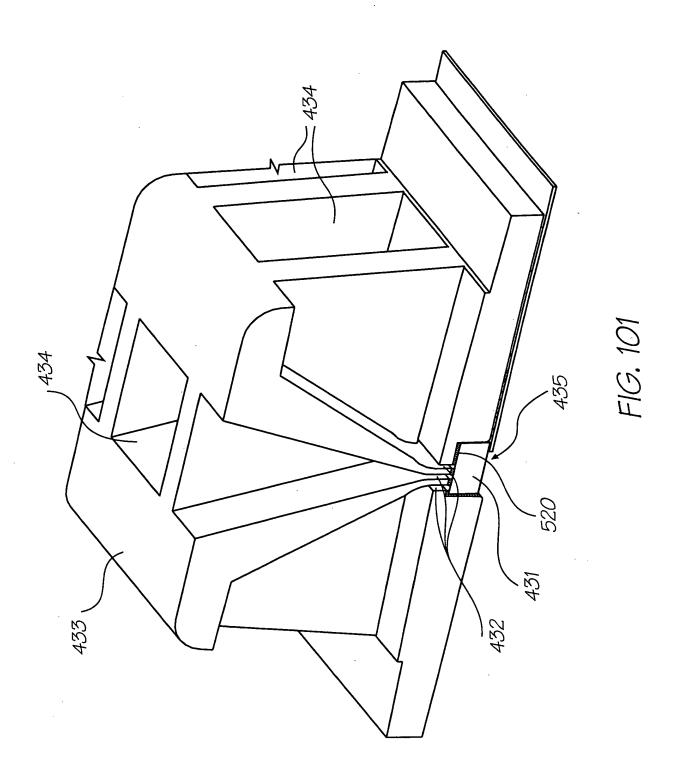


FIG. 100



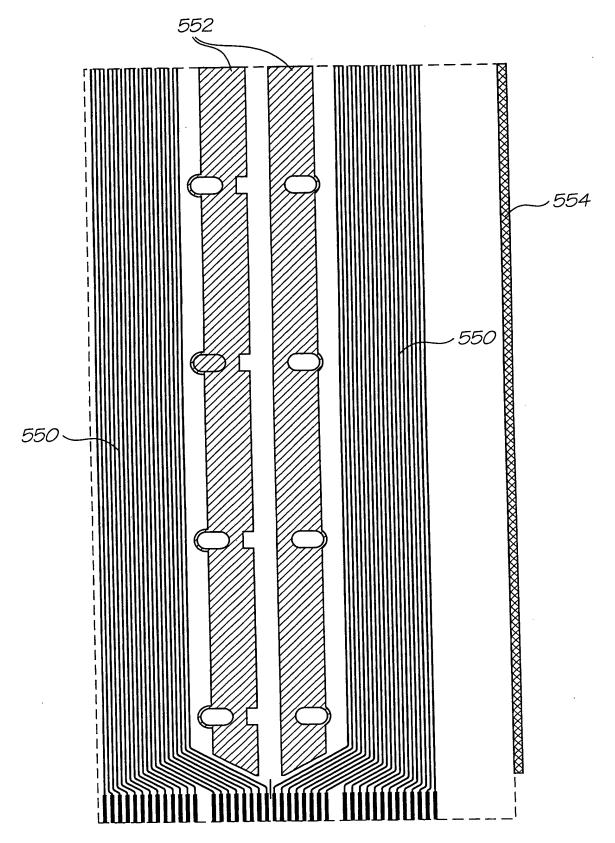


FIG. 102

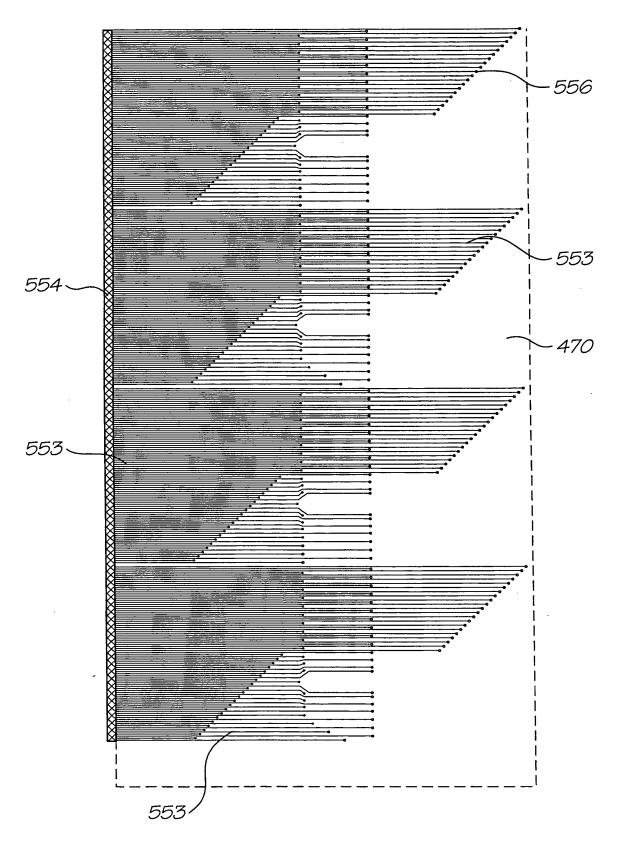


FIG. 103